

9947 Non-Paired - Computer Cable for EIA RS-232 Applications

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 2 and 2R (ICEA).pdf</p>
---	--	--

Description:

22 AWG stranded (7x30) TC conductors, S-R PVC insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	15
Total Number of Conductors	15
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
---------------------	---

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	9	Green/Black
2	White	10	Orange/Black
3	Red	11	Blue/Black
4	Green	12	Black/White
5	Orange	13	Red/White
6	Blue	14	Green/White
7	White/Black	15	Blue/White
8	Red/Black		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape/Braid
Outer Shield Material :	

9947 Non-Paired - Computer Cable for EIA RS-232 Applications

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield % Coverage 100 %

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .340 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range -30°C To +80°C

Storage Temperature Range -50°C (cable should not be moved while at this temperature)

UL Temperature Rating 80°C (UL AWM Style 2464)

Bulk Cable Weight 87 lbs/1000 ft.

Min. Bend Radius (Install) 3.4 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification CMG

CEC/C(UL) Specification CMG

AWM Specification UL Style 2464 (300 V 80°C)

EU CE Mark (Y/N) Yes

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy): 10/01/2005

FLAME TEST:

UL Flame Test UL1685 FT4 Loading

C(UL) Flame Test FT4

PLENUM/NON-PLENUM:

Plenum (Y/N) N

ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz 35 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 63 pF/ft

Nom. Conductor DC Resistance @ 20 Deg. C 14.7 Ohms/1000 ft

Nominal Outer Shield DC Resistance @ 20 Deg. C 4.1 Ohms/1000 ft

Max. Operating Voltage - UL 300 V RMS (UL AWM Style 2464)

Max. Recommended Current 2.1 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

9947 Non-Paired - Computer Cable for EIA RS-232 Applications

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9947 060100	15 #22 PVC SHLD PVC	100	8.7	CHROME	
9947 0601000	15 #22 PVC SHLD PVC	1000	83	CHROME	C
9947 060500	15 #22 PVC SHLD PVC	500	42.5	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-06-2005

© Copyright 2006 Belden, Inc
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.